

Report Number: 06-0105

Issue Date: July 6, 2006

Customer: Nivis, LLC

Model: Nivis NRD Module Model IC-NRD2-01-01

Table 4b. PEAK RADIATED SPURIOUS EMISSIONS Mid Channel

Radiated Emissions									
Test By:	Test:	Spurious Harmonics Mid Channel			Client:		Nivis, L.L.C.		
A.T.	Project:	06-0105		Class:	Configuration:		p9-06 w/ dual band		
Frequency	Test Data	AF	Test Data	AF+CA-AMP	Results	Limits	Distance /	Margin	PK = n
(MHz)	(dBm)	Table	(dBuV)	(dB)	(uV/m)	(uV/m)	Polarity	(dB)	/ QP
919.13	-8.2	2HN3mH	98.8	25.3	1596263.1		3m./HORZ		
1838.3	-55.3	2HN3mH	51.7	-5.6	201.7	159626.3	3m./HORZ	58.0	
2757.5	-58.3	2HN3mH	48.7	-1.4	231.2	500.0	3m./HORZ	6.7	
3676.7	-58.8	2HN3mH	48.2	1.8	317.0	500.0	3m./HORZ	4.0	
4595.8	-59.4	2HN3mH	47.6	4.7	412.5	5000.0	3m./HORZ	21.7	Peak
4595.8	-63.1	2HN3mH	43.9	4.7	269.4	500.0	3m./HORZ	5.4	Average
5515	-68.5	2HN3mH	38.5	8.0	212.1	159626.3	3m./HORZ	57.5	
6434.1	-68.0	2HN3mH	39.0	9.1	253.4	159626.3	3m./HORZ	56.0	
7353.4	-63.8	2HN3mH	43.2	10.9	508.8	5000.0	3m./HORZ	19.8	Peak
7353.3	-67.3	2HN3mH	39.7	10.9	340.0	500.0	3m./HORZ	3.3	Average
8272.7	-68.9	2HN3mH	38.1	12.0	319.5	5000.0	3m./HORZ	23.9	Peak
8272.4	-78.2	2HN3mH	28.8	12.0	109.5	500.0	3m./HORZ	13.2	Average
9191.6	-67.5	2HN3mH	39.5	12.9	415.8	5000.0	3m./HORZ	21.6	Peak
9191.6	-75.1	2HN3mH	31.9	12.9	173.3	500.0	3m./HORZ	9.2	Average

Data corrected by 0.1 dB for loss of high pass filter except for fundamental frequency

** Data conversion from 1 meter to 3 meters = -9.54

SAMPLE CALCULATION:

RESULTS (uV/m @ 3m) = Antilog ((-55.3 + -5.6 + 107)/20) = 201.7

CONVERSION FROM dBm TO dBuV = 107 dB

Test Date: May 20, 21, 2006

Tested by

Signature: _____

Name: Austin Thompson

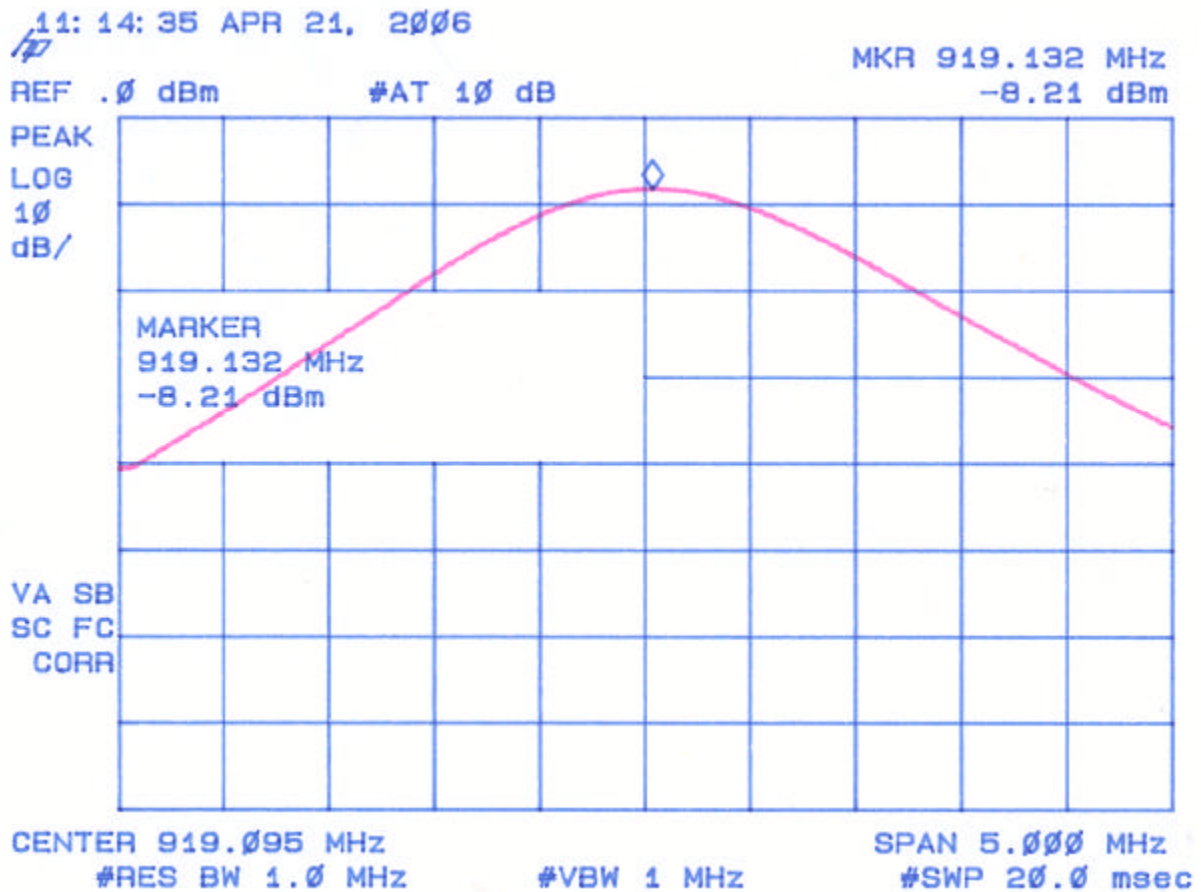
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Figure 5b-1
Peak Radiated Spurious Emission 15.247(c) Mid –
Fundamental



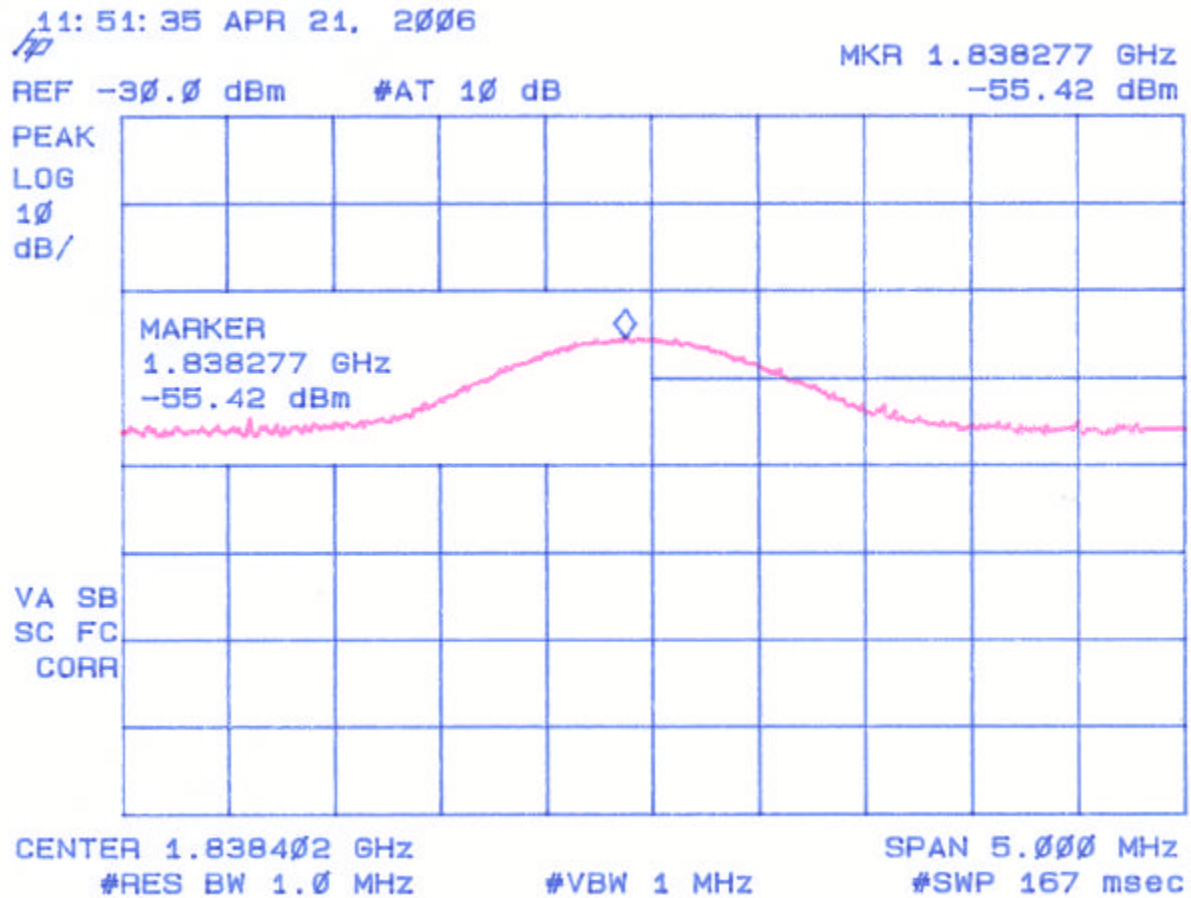
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Figure 5b-2
Peak Radiated Spurious Emission 15.247(c) Mid –
2nd Harmonic



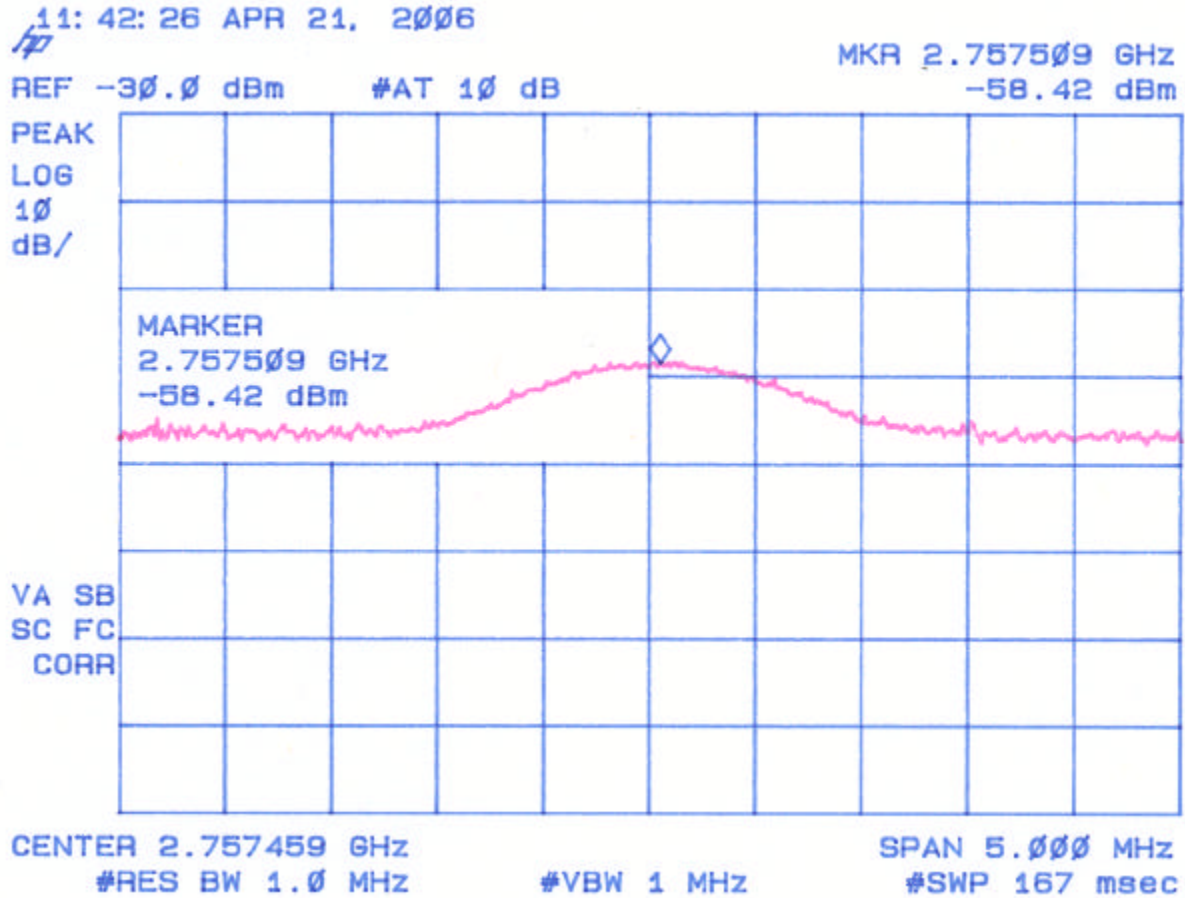
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Figure 5b-3
Peak Radiated Spurious Emission 15.247(c) Mid –
3rd Harmonic



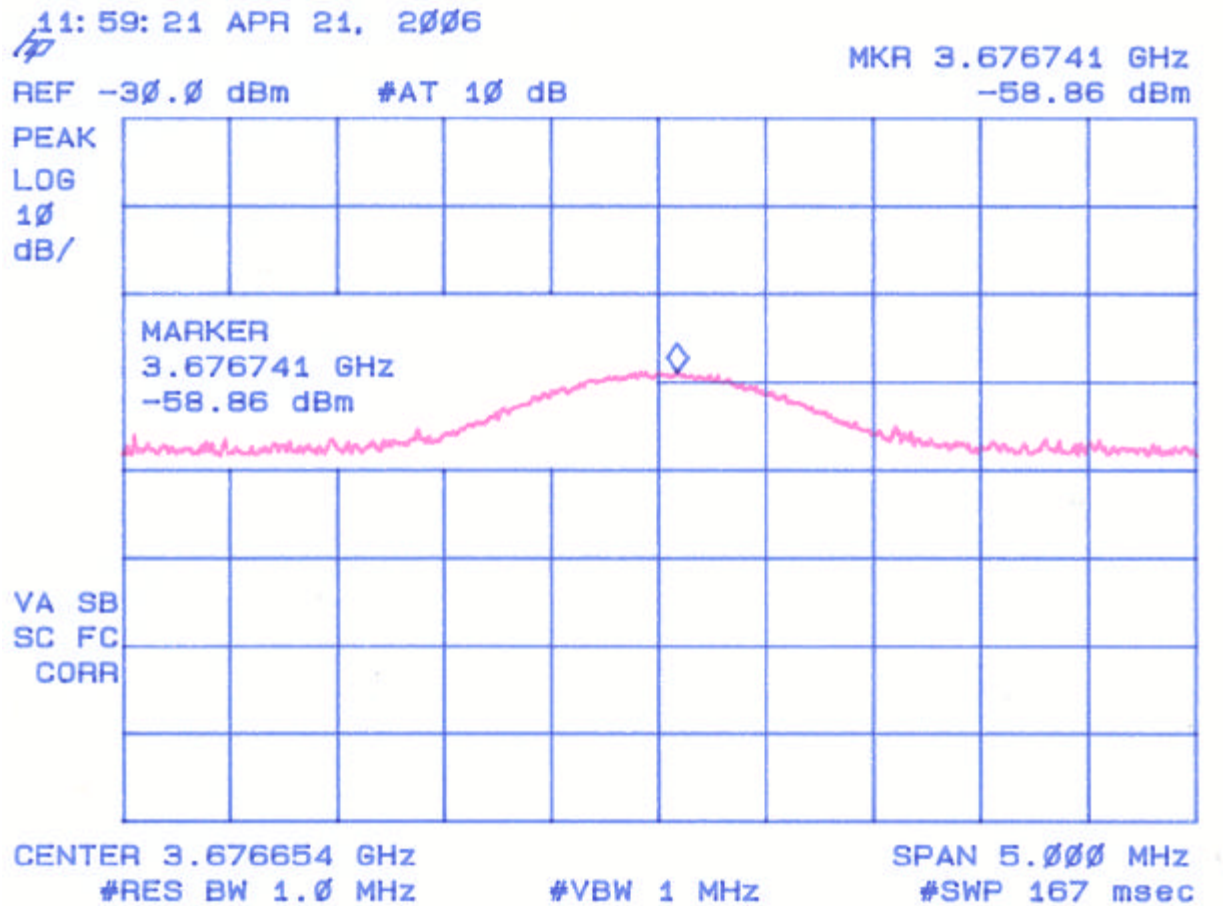
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Figure 5b-4
Peak Radiated Spurious Emission 15.247(c) Mid –
4th Harmonic



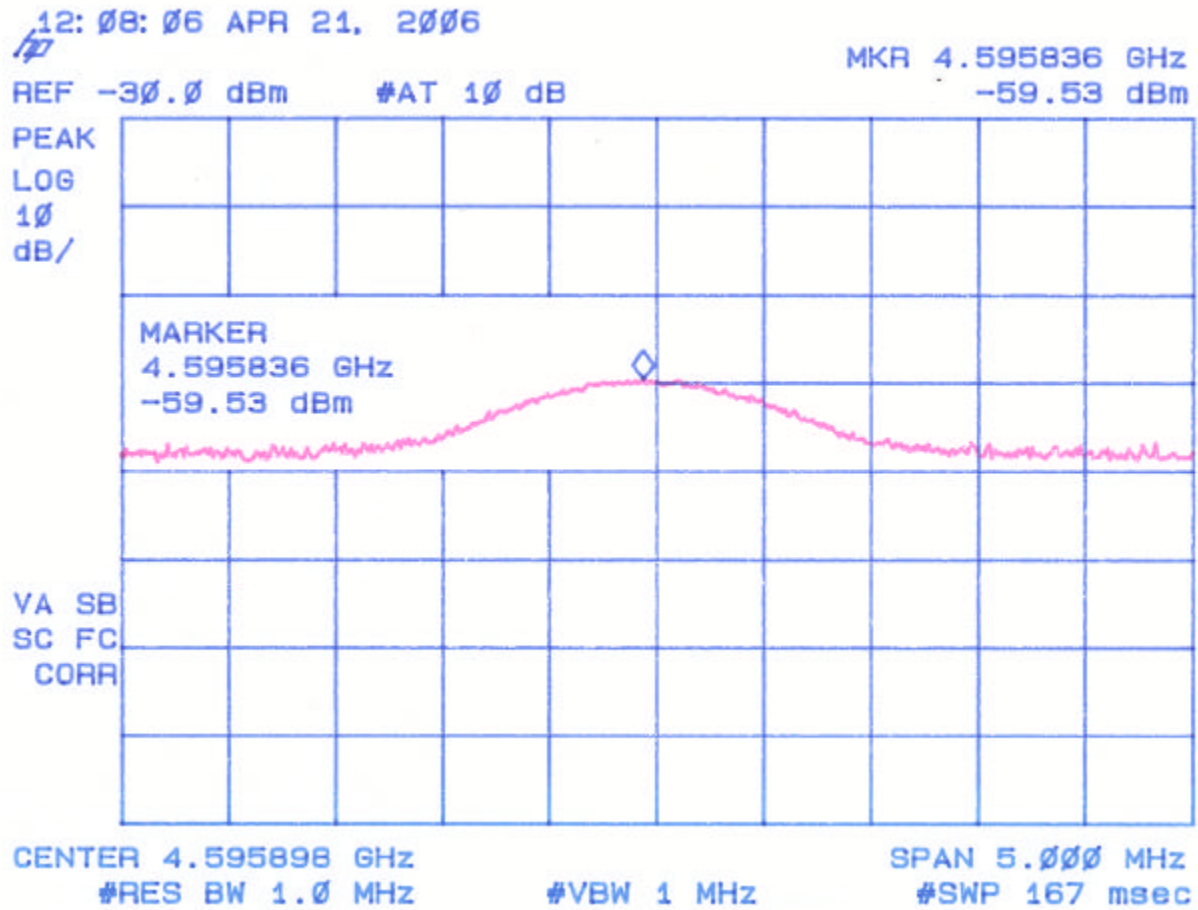
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Figure 5b-5
Peak Radiated Spurious Emission 15.247(c) Mid –
5th Harmonic (Peak)



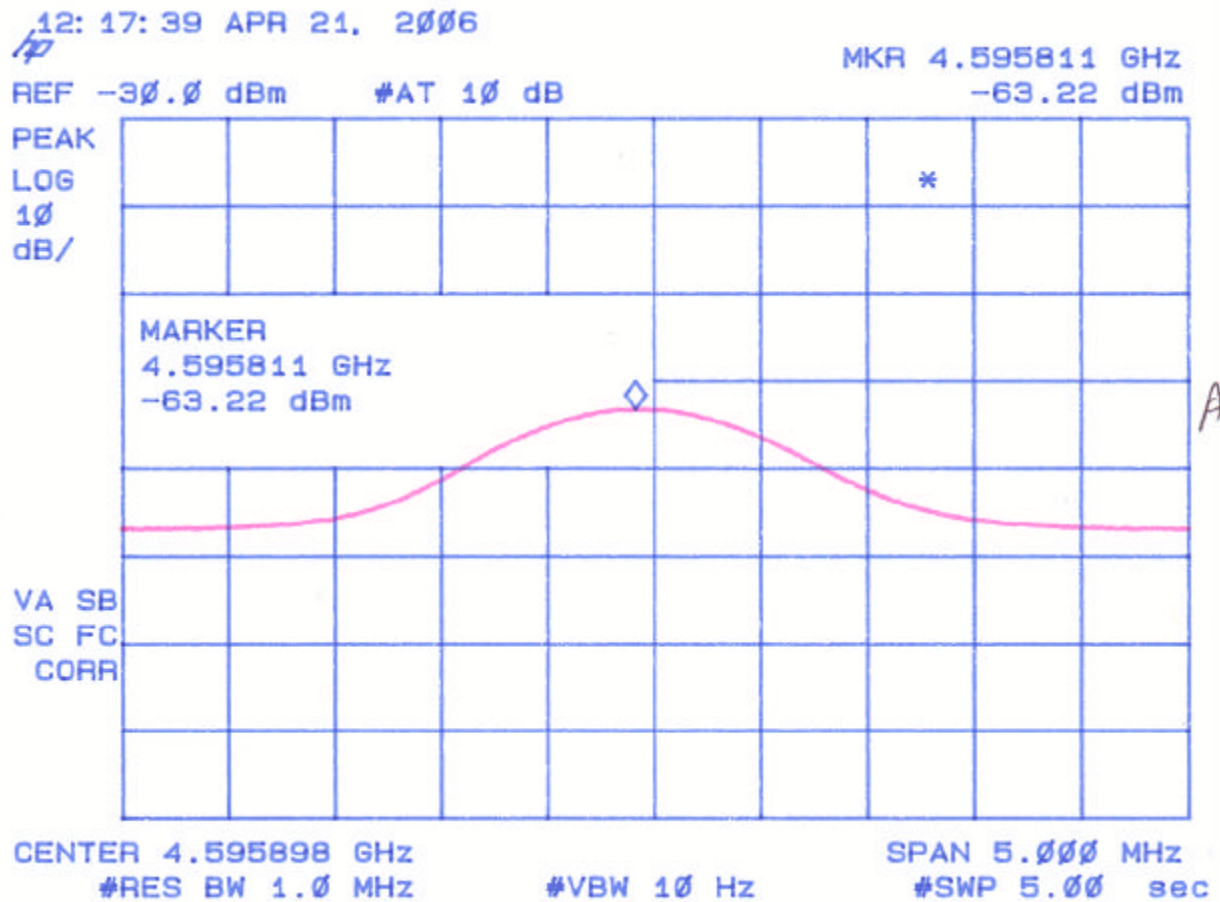
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Figure 5b-6
Peak Radiated Spurious Emission 15.247(c) Mid –
5th Harmonic (Average)



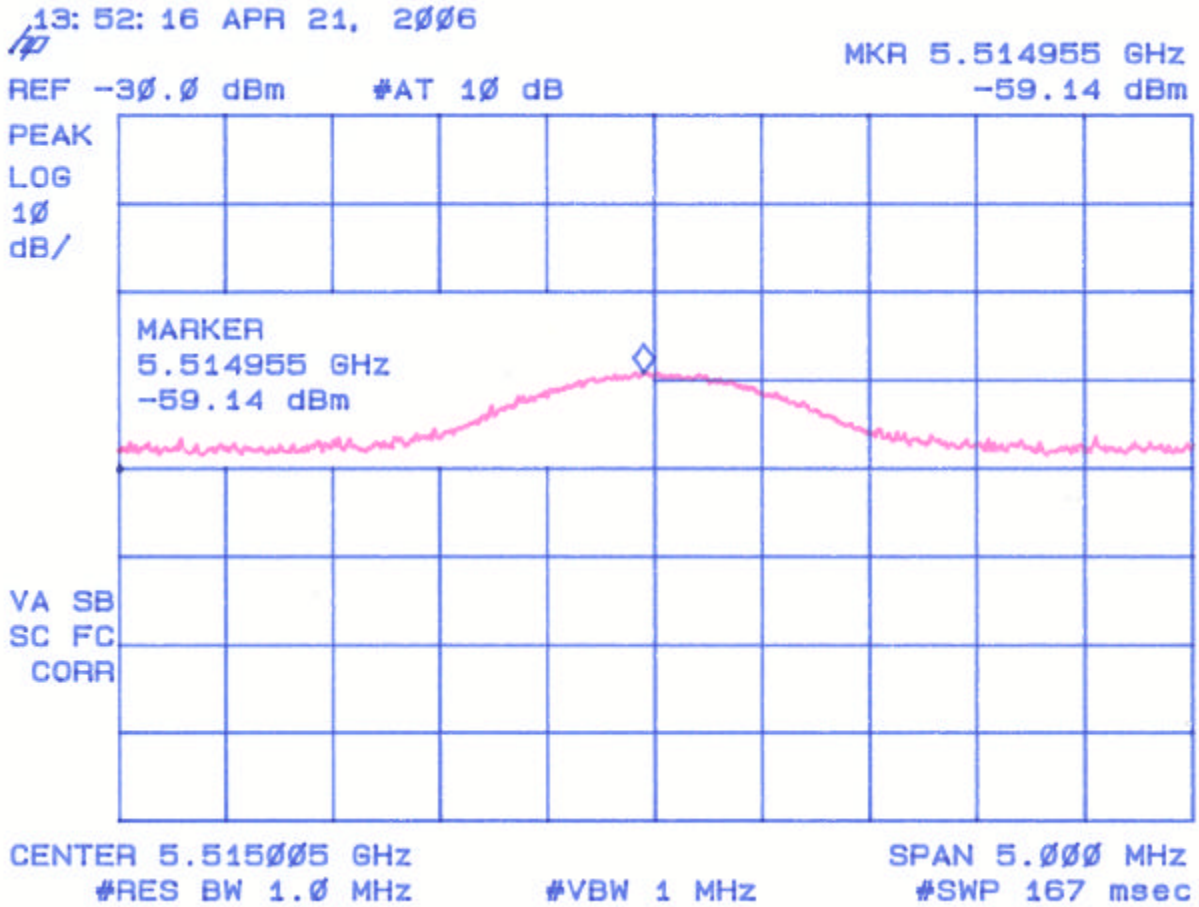
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Figure 5b-7
Peak Radiated Spurious Emission 15.247(c) Mid –
6th Harmonic



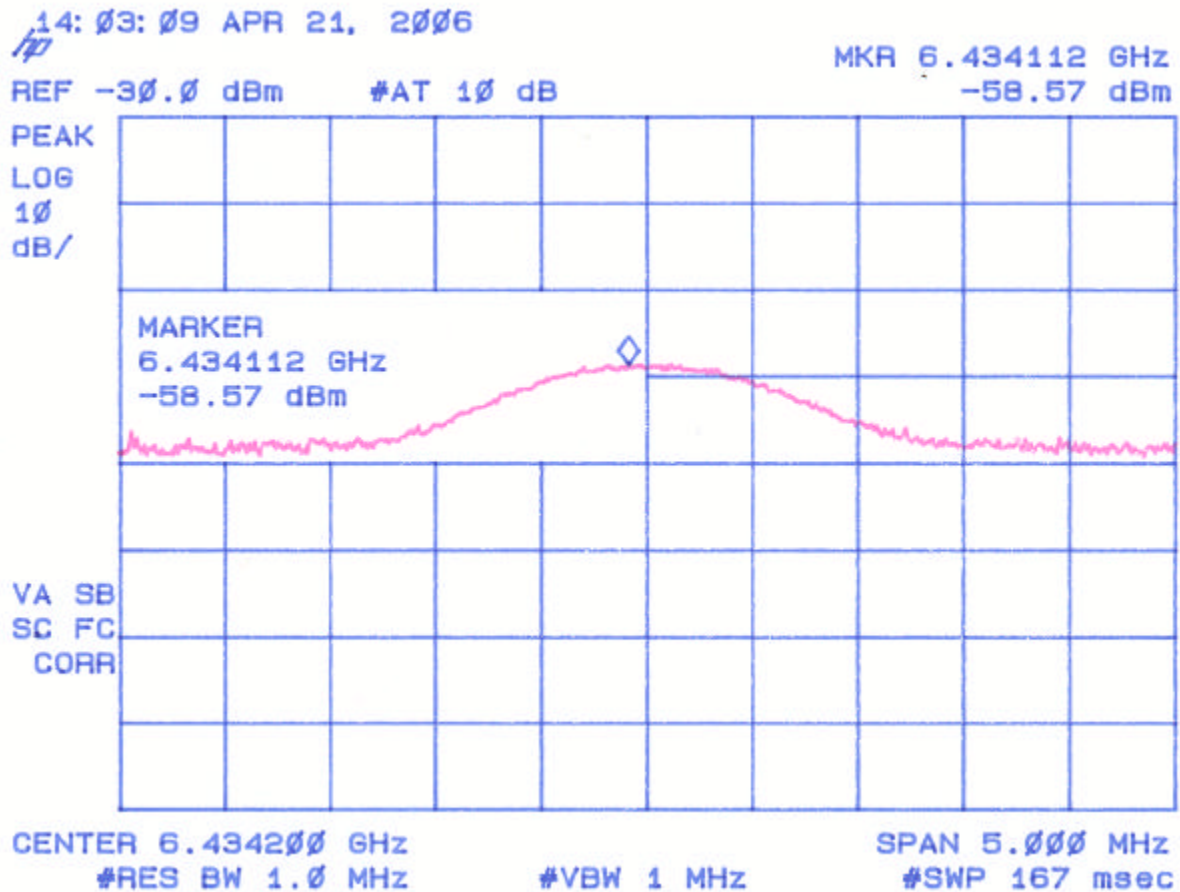
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Figure 5b-8
Peak Radiated Spurious Emission 15.247(c) Mid –
7th Harmonic



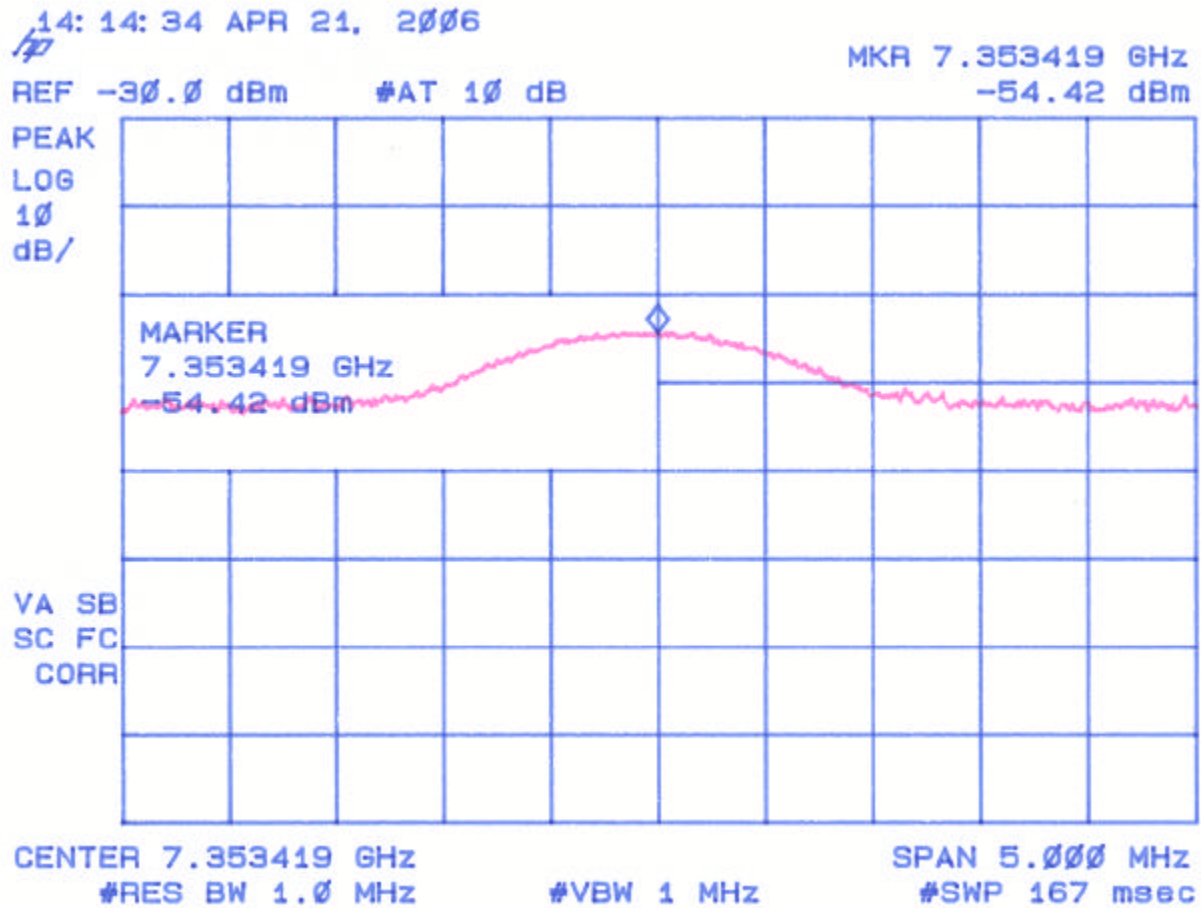
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Figure 5b-9
Peak Radiated Spurious Emission 15.247(c) Mid –
8th Harmonic (Peak)



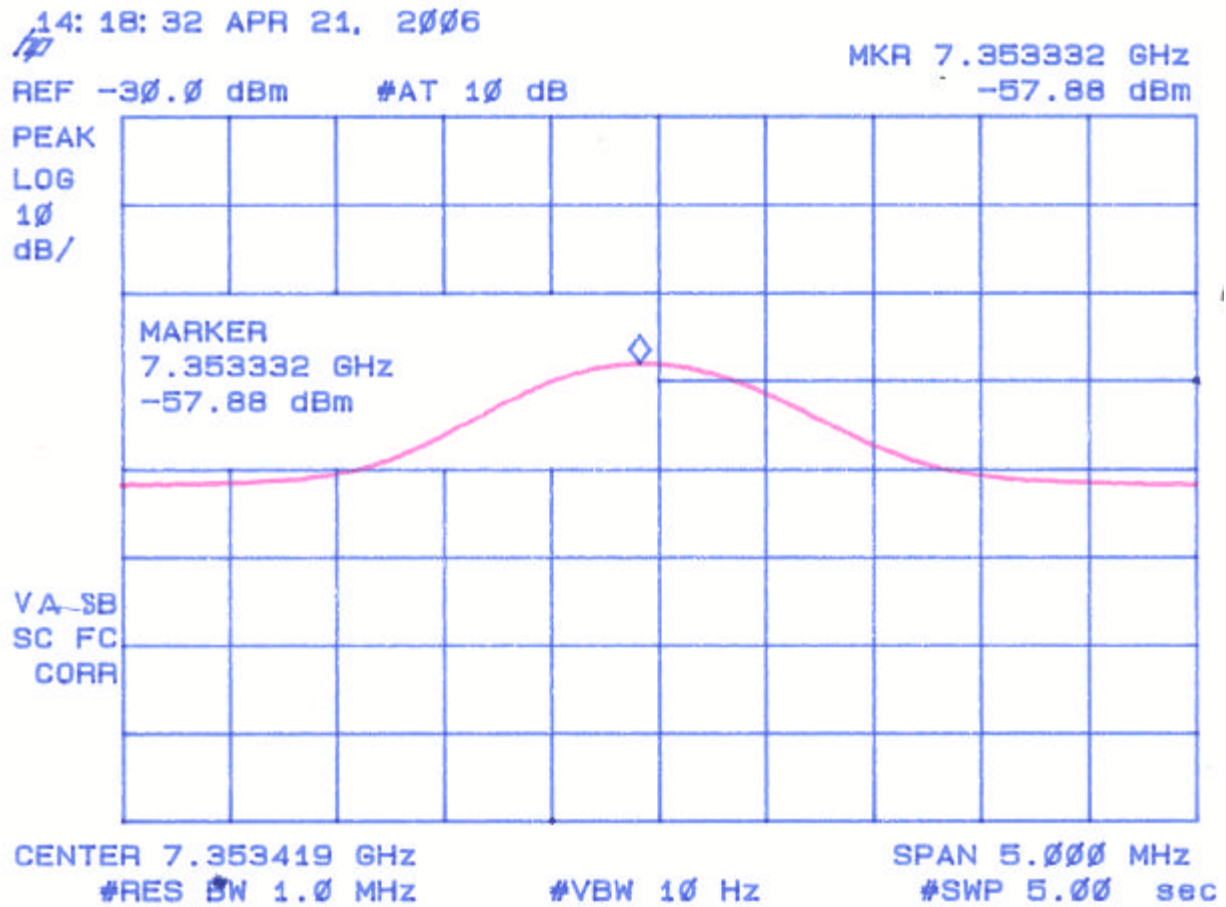
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Figure 5b-10
Peak Radiated Spurious Emission 15.247(c) Mid –
8th Harmonic (Average)



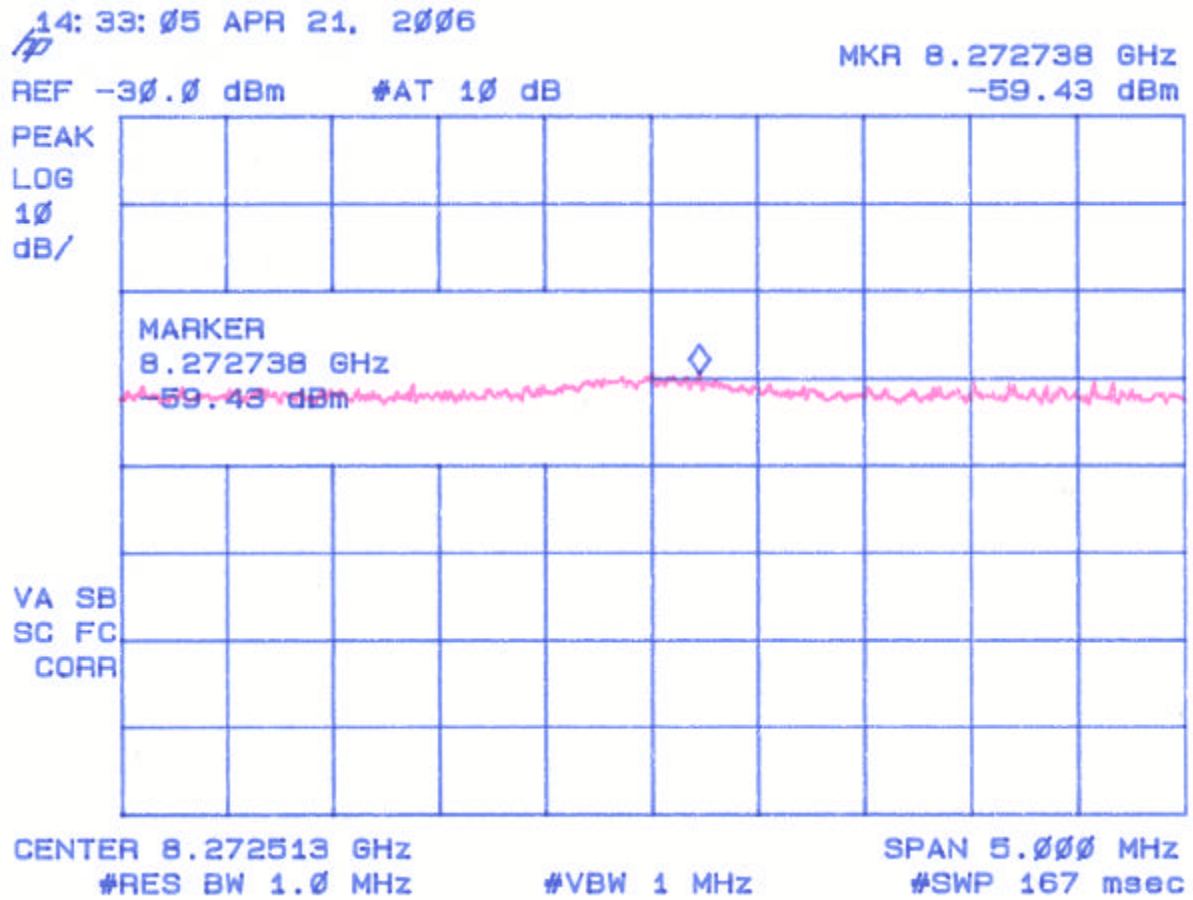
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Figure 5b-11
Peak Radiated Spurious Emission 15.247(c) Mid –
9th Harmonic (Peak)



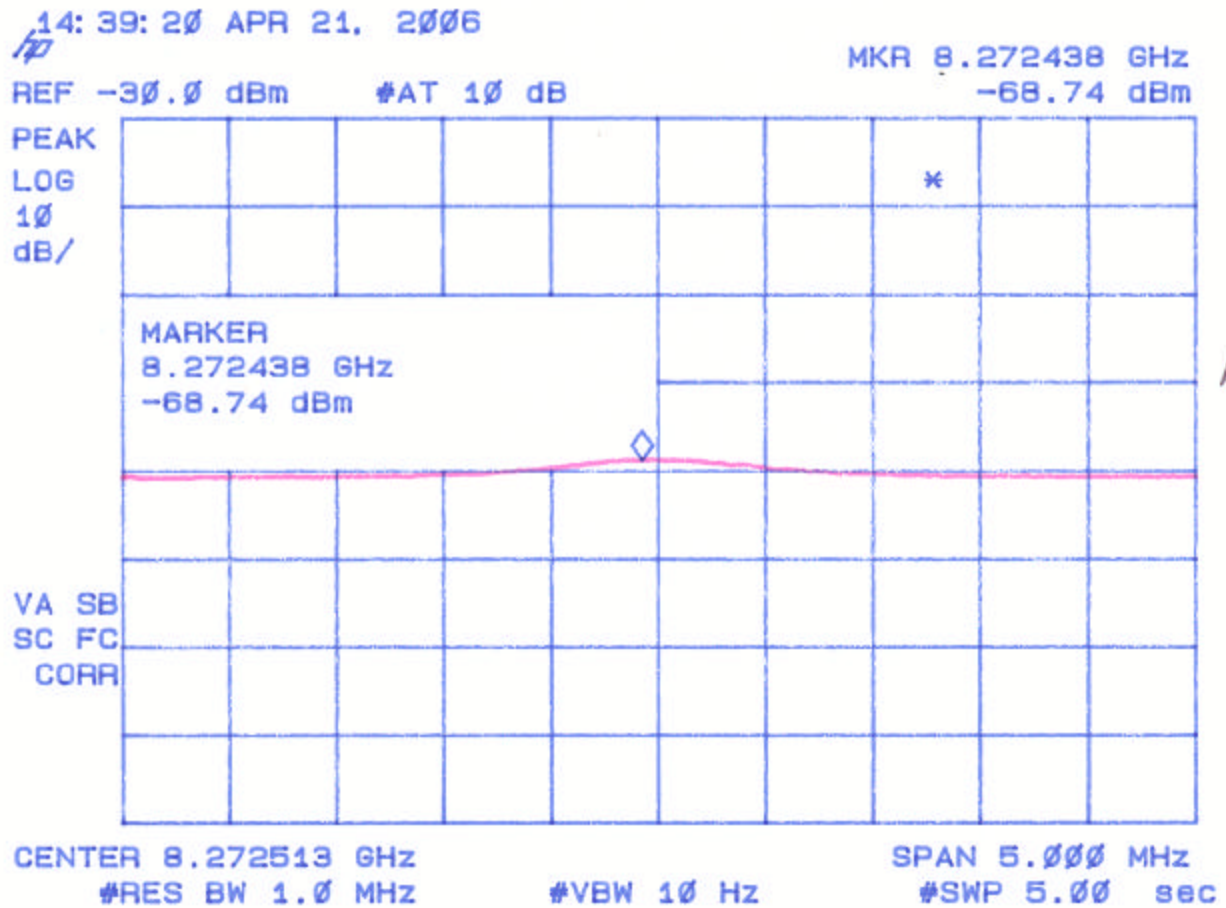
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Figure 5b-12
Peak Radiated Spurious Emission 15.247(c) Mid –
9th Harmonic (Average)



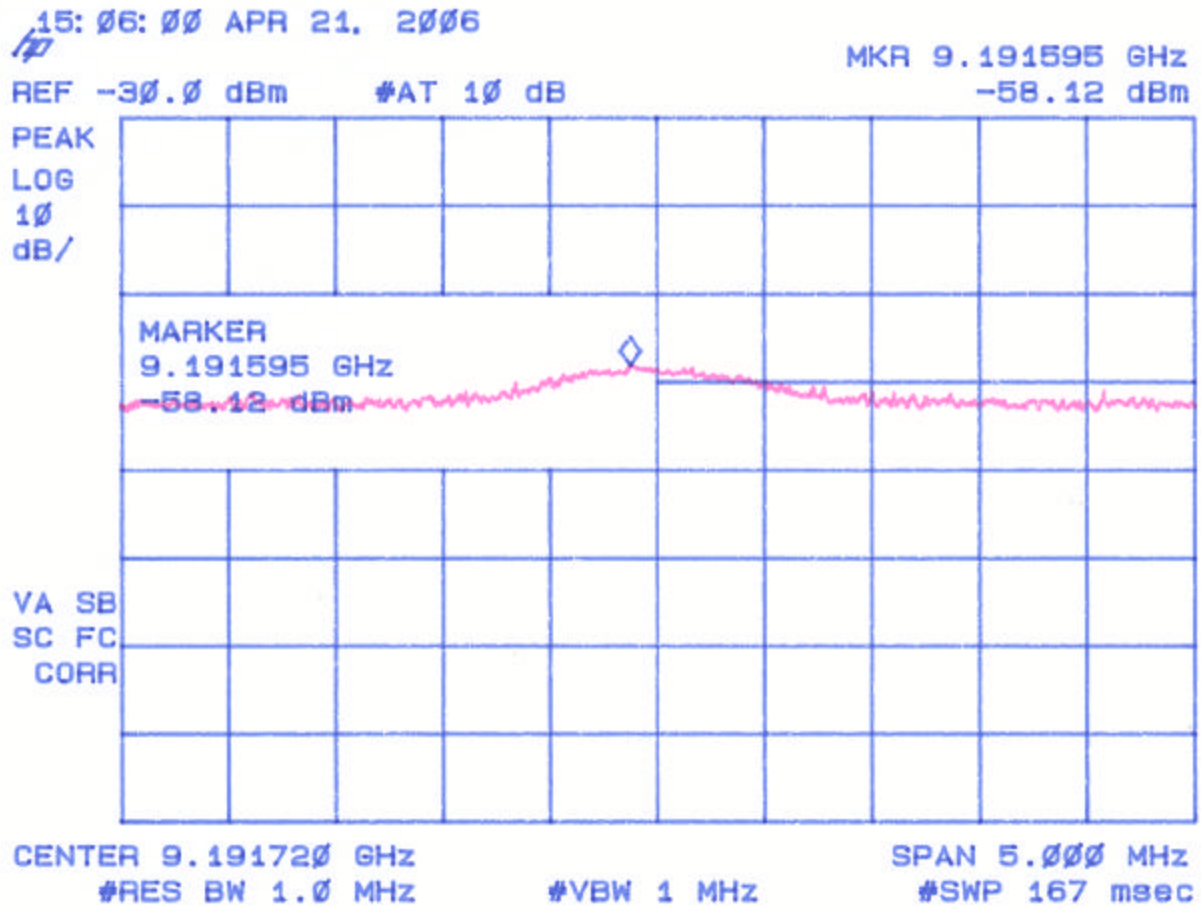
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Figure 5b-13
Peak Radiated Spurious Emission 15.247(c) Mid –
10th Harmonic (Peak)



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Figure 5b-14
Peak Radiated Spurious Emission 15.247(c) Mid –
10th Harmonic (Average)

